

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	("2453591"   "2860635"   "3930492"   "4044757"   "4826483"   "4906231"   "4915692"   "5085640"   "5090962"   "5116320"   "5211629"   "5242405"   "5304138"   "5308322"   "5364369"   "5370620"   "5395339"   "5593387"   "5807343"   "5817064"   "5820603"   "5899889"   "6361524").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/26 09:33
L2	1214	(604/181,187).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/10/26 09:49
L3	110	2 and syringe and barrel and tip and cap and flange and "10"	US-PGPUB; USPAT	OR	OFF	2009/10/26 10:03
L5	6845	syringe\$2 and length\$2 and barrel\$2 and diameter\$2	US-PGPUB; USPAT	OR	OFF	2009/10/26 10:07
L6	590	5 and "fluid pressure"	US-PGPUB; USPAT	OR	OFF	2009/10/26 10:07
L7	1233	5 and "psi"	US-PGPUB; USPAT	OR	OFF	2009/10/26 10:07
L8	176	6 and "psi"	US-PGPUB; USPAT	OR	OFF	2009/10/26 10:07
L9	2813	syringe\$2 and "40 psi"	US-PGPUB; USPAT	OR	OFF	2009/10/26 10:10
L10	914	9 and flush\$2	US-PGPUB; USPAT	OR	OFF	2009/10/26 10:11
L11	25	10 and barrel\$2	US-PGPUB; USPAT	OR	OFF	2009/10/26 10:11
L12	1	("20040116872").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/26 10:17
S1	1	"6361524".pn.	US-PGPUB; USPAT	OR	OFF	2007/03/30 19:06
S2	1	"6743216".pn.	US-PGPUB; USPAT	OR	OFF	2007/03/30 19:06
S3	50	((ROBERT) near2 (ODELL)).INV.	USPAT	OR	OFF	2007/03/30 19:07
S4	4	((LAWRENCE) near2 (ZACH)).INV.	USPAT	OR	OFF	2007/03/30 19:10

S5	7	((ALEX) near2 (WALLACE)).INV.	USPAT	OR	OFF	2007/03/30 19:10
S6	21	("2453591"   "2860635"   "3930492"   "4044757"   "4826483"   "4906231"   "4915692"   "5085640"   "5090962"   "5116320"   "5211629"   "5242405"   "5304138"   "5308322"   "5370620"   "5395339"   "5593387"   "5807343"   "5817064"   "5820603"   "5899889").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/31 10:45
S7	1	("20040097868").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/04 13:12
S8	1	("20040116872").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/05 10:51
S9	0	EP1551483	EPO; DERWENT	OR	OFF	2008/07/05 11:22
S10	6	"1551483"	EPO; DERWENT	OR	OFF	2008/07/05 11:22
S11	2	("4961728"   "5181912").PN.	EPO; DERWENT	OR	OFF	2008/07/05 11:24
S12	2	("4961728"   "5181912").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/05 11:25
S13	1	"4753634".pn.	US-PGPUB; USPAT	OR	OFF	2008/07/05 11:26
S14	1	"3888239".pn.	US-PGPUB; USPAT	OR	OFF	2008/07/05 11:43
S15	7	syringe\$2 and "13.5 mm" and "57 mm"	US-PGPUB; USPAT	OR	OFF	2008/07/05 11:46
S16	38	("20020133138"   "20030060758"   "20040024366"   "4826483"   "4846801"   "4906231"   "4915692"   "4973308"   "4995874"   "5000737"   "5000738"   "5098406"   "5211629"   "5246423"   "5263934"   "5312348"   "5395339"   "5593387"   "5782803"   "5928202"   "5989219"   "6010486"   "6053894"   "6165153"   "6193687"   "6196997"   "6206853"   "6238120"   "6287279"   "6361524"   "6387079"   "6391008"   "6398763"   "6409704"   "6497679"   "6520935"   "6582407"   "6599269").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/05 11:48

S17	53	"flush syringe" and diameter\$2 and length \$2	US-PGPUB; USPAT	OR	OFF	2008/07/05 11:51
S18	2	"shirt syringe"	US-PGPUB; USPAT	OR	OFF	2008/07/05 11:53
S19	17	"short syringe"	US-PGPUB; USPAT	OR	OFF	2008/07/05 11:53
S20	22	("2453591"   "2860635"   "3930492"   "4044757"   "4826483"   "4906231"   "4915692"   "5085640"   "5090962"   "5116320"   "5211629"   "5242405"   "5304138"   "5308322"   "5370620"   "5395339"   "5593387"   "5807343"   "5817064"   "5820603"   "5899889"   "6361524").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/05 11:55
S21	14	("1388946"   "2514575"   "5453093").PN. OR ("5899889").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/05 11:58
S22	866	(604/187).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/05 12:00
S23	333	(604/181).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/05 12:36
S24	1	"7331942".pn.	US-PGPUB; USPAT	OR	OFF	2008/07/05 12:44
S25	12	("20040010235"   "3050059"   "4057052"   "5037393"   "5496285"   "5795337"   "5807374"   "5899881"   "5902271"   "6171287"   "6361524").PN. OR ("7331942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/05 12:44
S26	0	"low pressure flush syringe"	US-PGPUB; USPAT	OR	OFF	2008/07/05 12:47
S26	0	"low pressure flush syringe"	US-PGPUB; USPAT	OR	OFF	2008/07/05 12:47
S27	15	"low pressure syringe"	US-PGPUB; USPAT	OR	OFF	2008/07/05 12:47
S28	1186	(604/208,218).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/05 12:49
S29	1074	S28 not S22	US-PGPUB; USPAT	OR	OFF	2008/07/05 12:49
S30	3	("5242405"   "5395339"   "6361524").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/05 13:23
S31	28	("0047248"   "3486503"   "3738539"   "3823715").PN. OR ("4846801").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/05 13:25

S32	347	(604/181).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/20 10:06
S33	898	(604/187).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/20 10:15
S34	831	S33 not S32	US-PGPUB; USPAT	OR	OFF	2009/03/20 10:15
S35	189	(604/199).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/20 10:47
S36	1228	(604/208,218).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/20 10:50
S37	1113	S36 not S33	US-PGPUB; USPAT	OR	OFF	2009/03/20 10:50
S38	1090	S37 not S32	US-PGPUB; USPAT	OR	OFF	2009/03/20 10:50
S39	1123	(222/386).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/20 11:04
S40	589	(206/570-571).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/20 11:15
S41	589	S40 not S39	US-PGPUB; USPAT	OR	OFF	2009/03/20 11:15
S42	1352	(206/363-365).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/20 11:21
S43	1265	S42 not S41	US-PGPUB; USPAT	OR	OFF	2009/03/20 11:21
S44	1258	S43 not S36	US-PGPUB; USPAT	OR	OFF	2009/03/20 11:21
S45	101	"flush syringe"	US-PGPUB; USPAT	OR	OFF	2009/03/20 12:01
S46	143251	syringe\$2	US-PGPUB; USPAT	OR	OFF	2009/03/20 12:06
S47	23094	S46 and ("psi" or "pounds per square inch")	US-PGPUB; USPAT	OR	OFF	2009/03/20 12:07
S48	23094	S46 and S47	US-PGPUB; USPAT	OR	OFF	2009/03/20 12:07
S49	11454	S48 and diameter\$2	US-PGPUB; USPAT	OR	OFF	2009/03/20 12:07
S50	2144795	S49 (mm or millimeter or cm or centimeter or inch\$)	US-PGPUB; USPAT	OR	OFF	2009/03/20 12:08
S51	10837	S49 and (mm or millimeter or cm or centimeter or inch\$)	US-PGPUB; USPAT	OR	OFF	2009/03/20 12:08
S52	3705	S51 and (piston\$2 or plunger\$2 or barrel\$2)	US-PGPUB; USPAT	OR	OFF	2009/03/20 12:09
S53	990	S52 and ("low pressure" or "lower pressure")	US-PGPUB; USPAT	OR	OFF	2009/03/20 12:09
S54	56	((ROBERT) near2 (ODELL)).INV.	USPAT	OR	OFF	2009/03/20 12:11

S55	4	((LAWRENCE) near2 (ZACH)).INV.	USPAT	OR	OFF	2009/03/20 12:12
S56	7	((ALEX) near2 (WALLACE)).INV.	USPAT	OR	OFF	2009/03/20 12:13
S57	23	("2453591"   "2860635"   "3930492"   "4044757"   "4826483"   "4906231"   "4915692"   "5085640"   "5090962"   "5116320"   "5211629"   "5242405"   "5304138"   "5308322"   "5364369"   "5370620"   "5395339"   "5593387"   "5807343"   "5817064"   "5820603"   "5899889"   "6361524").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/20 13:24
S58	3	("5242405"   "5395339"   "6361524").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/20 13:29
S59	26	("2453591"   "2860635"   "3930492"   "4044757"   "4826483"   "4906231"   "4915692"   "5085640"   "5090962"   "5116320"   "5211629"   "5304138"   "5308322"   "5370620"   "5395339"   "5593387").PN. OR ("6361524").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/20 13:30
S60	1	"6743216".pn.	US-PGPUB; USPAT	OR	OFF	2009/03/20 13:32
S61	33	("2452591"   "2860635"   "3380489"   "3930492"   "3987930"   "4044757"   "4826483"   "4906231"   "4915692"   "5085640"   "5090962"   "5116320"   "5211629"   "5242405"   "5304138"   "5308322"   "5322515"   "5370620"   "5395339"   "5496288"   "5593387"   "5807343"   "5814017"   "5817064"   "5820603"   "5899889"   "5985962"   "D383205"   "D403064"   "D406643").PN. OR ("6743216").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/20 13:32
S62	1	("20040116872").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/22 11:35
S63	1	"6361524".pn.	US-PGPUB; USPAT	OR	OFF	2009/03/22 11:36
S64	1	("20040116872").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/23 12:42

S65	689	(433/80).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/23 13:48
S66	236	(433/89).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/23 13:57
S67	203	S66 not S65	US-PGPUB; USPAT	OR	OFF	2009/03/23 13:57
S68	23	("2453591"   "2860635"   "3930492"   "4044757"   "4826483"   "4906231"   "4915692"   "5085640"   "5090962"   "5116320"   "5211629"   "5242405"   "5304138"   "5308322"   "5364369"   "5370620"   "5395339"   "5593387"   "5807343"   "5817064"   "5820603"   "5899889"   "6361524").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/23 14:01
S69	26	("2586581"   "2888015"   "4724508"   "4743121"   "5062828").PN. OR ("5242405").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 14:04
S70	107	("2542814"   "2684068"   "2728341"   "2828743"   "2892340"   "2842126"   "2842128"   "2895474"   "3128765"   "3150661"   "3437090"   "3477432"   "3489147"   "3542240"   "3547122"   "3563373"   "3570486"   "3636950"   "3659749"   "3678931"   "3682174"   "3685514"   "3724460"   "3785379"   "3845763"   "3872867"   "3903886"   "3923059"   "3967759"   "3994296"   "4014330"   "4055177"   "4059109"   "4060082"   "4072149"   "4112945"   "4116240"   "4171698"   "4180070"   "4313440"   "4390016"   "4405317"   "4424057"   "4445895"   "4464174"   "4568336"   "4581016"   "4581023"   "4583971"   "4675020"   "4723956"   "4731068"   "4755169"   "4861335"   "4886495"   "4931043"   "5137511").PN. OR ("5364369").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 14:07
S71	1	"4258714".pn.	US-PGPUB; USPAT	OR	OFF	2009/03/23 14:12
S72	1	"7113214".pn.	US-PGPUB; USPAT	OR	OFF	2009/03/23 14:13

S73	1	"6311909".pn.	US-PGPUB; USPAT	OR	OFF	2009/03/23 14:15
S74	20	"short syringe"	US-PGPUB; USPAT	OR	OFF	2009/03/23 14:15

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	8	(604/181,187).CCLS.	UPAD	OR	OFF	2009/10/26 10:06

10/26/2009 10:43:08 AM

C:\Documents and Settings\tstigell\My Documents\EAST\Workspaces\10727194.wsp